

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001635

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A01N 37/44**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patent and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Chemical Abstract, Delphion, USPTO

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 100311195 B1 (Korean Research Institute of Chemical Technology) 18 Oct 2001	1-5
Y	See Formula I and p.13	1-5
Y	US 6,432,884 B1 (Cognis Corporation) 13 Aug 2002 See columns 1-3 and claims	1-5
Y	US 5,905,072 A (Isagro S.p.A) 18 May 1999 See columns 1-2 and claims	1-5
A	US 6,436,963 B1 (Dow AgroSciences LLC.) 20 Aug 2002 See Formula I and lines 35-46 in column 28	1-5

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

20 OCTOBER 2004 (20.10.2004)

Date of mailing of the international search report

21 OCTOBER 2004 (21.10.2004)

Name and mailing address of the ISA/KR



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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001635

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US5905072A	18.05.1999	JP08337502A2	24.12.1996
		IT95500336A1	23.08.1996
		EP0729700A2	04.09.1996
US6436963A	20.08.2002	AU06049199A	03.04.2000
		W00015616A1	23.03.2000
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